

## **ABSTRACT OF THE DISCLOSURE**

A display device, for carrying out image display on a display panel by controlling current flowing in display elements for each pixel based on image data, including display setting circuitry for setting a relationship  
5 between image data and current values for current flowing in display elements in response to an input adjustment signal, to set contrast or brightness; estimation circuitry for estimating panel current flowing in all pixels when carrying out display for the display panel based on the image data; and current control circuitry for controlling actual panel current by  
10 correcting the set contrast or brightness based on the panel current estimated by the estimation circuitry.